

Converting Colors

XYZ(41.6924, 54.9623, 42.1296)

Have a look what the booklet for
XYZ(41.6924, 54.9623, 42.1296)
contains.

XYZ(41.6924, 54.9623, 42.1296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.6924, 54.9623,
42.1296)**

Conversions

Conversions Part 1

Format	Color
Hex	94D2A1
RGB	148, 210, 161
RGB Percent	58%, 82%, 63%
CMY	0.4196, 0.1765, 0.3686
CMYK	0.30, 0.00, 0.23, 0.18
HSL	133°, 41%, 70%
HSV	133°, 30%, 82%
XYZ	41.6924, 54.9623, 42.1296
YIQ	185.8760, -21.2230, -28.3830

Conversions

Conversions Part 2

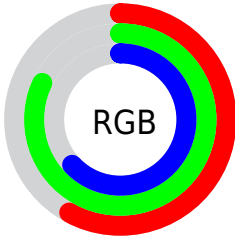
Format	Color
RYB	148, 199, 210
Decimal	9753249
CIELab	79.02, -29.66, 18.09
CIELCh	79, 34.742, 148.623
Yxy	54.9623, 0.3004, 0.3960
Android (android.graphics.Color)	4287943329 (0xFF94D2A1)
YUV	185.8760, -12.2639, -33.2173
Hunter-Lab	74.1366, -29.3554, 18.2029

Details

The XYZ color **41.6924, 54.9623, 42.1296** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.2482, 38.9140, 57.8466**, and the grayscale version is **46.6789, 49.1099, 53.4806**.

A 20% lighter version of the original color is **72.7833, 89.1744, 78.3420**, and **19.2010, 26.9797, 18.6636** is the 20% darker color. If you saturate the color by 10%, you get **36.8652, 52.6334, 34.7643**, and if you desaturate by 10%, it is **47.4059, 57.7288, 50.5530**.

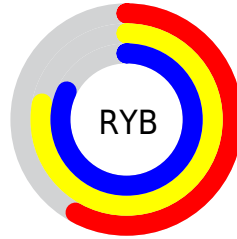
Distribution



Red (58%)

Green (82%)

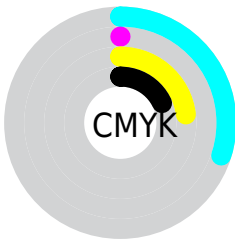
Blue (63%)



Red (58%)

Yellow (78%)

Blue (82%)

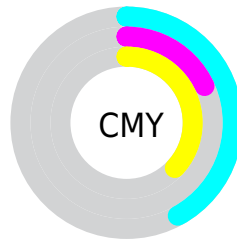


Cyan (30%)

Magenta (0%)

Yellow (23%)

Black (18%)



Cyan (42%)


Magenta (18%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6924, 54.9623, 42.1296 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.6924, 54.9623, 42.1296 by changing the saturation by 10% instead.

 41.6924, 54.9623,
42.1296


 41.6924, 54.9623,
42.1296


344.2196,
405.7690, 370.8354

 29.0506, 39.3715,
28.8765


 77.0020, 97.4857,
79.6679

 19.2635, 27.0489,
18.7426


 100.4004,
125.1872, 104.7902

 11.9660, 17.6099,
11.3095


128.1151,
157.6943, 134.7059

 6.7926, 10.6703,
6.1586

160.5114,
195.3915, 169.8337

 3.3779, 5.8456,
2.8714

197.9546,
238.6632, 210.5919

 1.3566, 2.7514,
1.0294

240.8101,

 0.2250, 1.0034,

287.8937, 257.3993

0.0000

289.4434,
343.4675, 310.6743

■ 0.0000, 0.0000,
0.0000

■ 41.6924, 54.9623,
42.1296

■ 41.6924, 54.9623,
42.1296

■ 36.8652, 52.6334,
34.7643

■ 47.4059, 57.7288,
50.5530

■ 32.8752, 50.7129,
28.4116

■ 54.0431, 60.9466,
60.0701

■ 29.6748, 49.1789,
23.0282

■ 61.6444, 64.6374,
70.7196

■ 27.2100, 48.0045,
18.5662

■ 70.2465, 68.8193,
82.5371

■ 25.4196, 47.1591,
14.9736

■ 79.8843, 73.5095,
95.5567

■ 24.2321, 46.6073,
12.1932

■ 82.3376, 74.5753,
104.6625

■ 23.5304, 46.2898,
10.1593

■ 23.5029, 46.2774,
10.0798

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.1270, 54.9623, 32.2598



41.6924, 54.9623, 42.1296



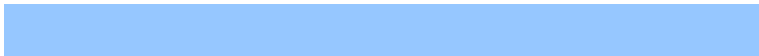
40.0452, 54.9623, 58.9342

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.6924, 54.9623, 42.1296



51.9212, 54.9623, 106.5455



64.7997, 54.9623, 43.3963

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.6924, 54.9623, 42.1296



47.2482, 38.9140, 57.8466

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.6889, 54.9623, 60.7643



41.6924, 54.9623, 42.1296



58.8706, 54.9623, 99.8714

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.6924, 54.9623, 42.1296



45.6195, 54.9623, 98.5896



64.4315, 54.9623, 81.9372



59.4719, 54.9623, 32.8697

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.6924, 54.9623, 42.1296



40.6278, 54.9623, 72.8445



64.4315, 54.9623, 81.9372



65.8776, 54.9623, 48.4914

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.6939, 54.9646, 42.1308



84.3208, 94.7905, 93.8673



51.5774, 60.1854, 36.9162



17.7021, 20.1212, 19.6008



0.0000, 0.0000, 0.0000



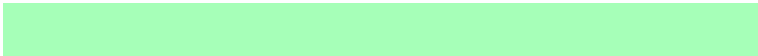
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6939, 54.9646, 42.1308



60.1339, 83.0802, 58.4692



44.7091, 56.1707, 58.0089



11.7563, 13.2463, 13.0729



14.3658, 28.2392, 6.3062



0.8329, 1.5908, 0.5088

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.2482, 38.9140, 57.8466



70.0128, 54.5144, 86.4077



44.1080, 37.6579, 41.3107



12.2002, 11.9648, 14.3300



20.4469, 10.0516, 23.0571



1.1706, 0.5729, 1.4329

Previews

White Background



This preview shows how the XYZ color 41.6924, 54.9623, 42.1296 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.6924, 54.9623, 42.1296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6924, 54.9623, 42.1296

Background



This preview shows how black text looks on a background with the XYZ color 41.6924, 54.9623, 42.1296.

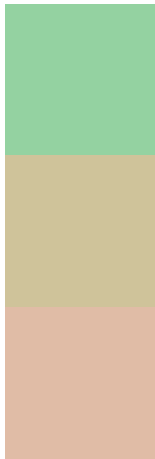


This preview shows how white text looks on a background with the XYZ color 41.6924, 54.9623,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.6924, 54.9623, 42.1296

Protanopia

51.0800, 54.6287, 38.4240

Deuteranopia

55.6066, 54.5669, 43.6781



Tritanopia

48.2048, 54.7265, 75.0404

Trichromacy



Original Color

41.6924, 54.9623, 42.1296

Protanomaly

46.9898, 54.1820, 39.8798

Deuteranomaly

49.2057, 53.8960, 42.9315

Tritanomaly

45.5419, 54.7084, 61.5855

Monochromacy



Original Color

41.6924, 54.9623, 42.1296

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.4642, 50.9752, 49.0907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6924, 54.9623, 42.1296 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(148, 210, 161)` looks like.

```
.text, #text, p{  
    color:rgb(148, 210, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(148, 210, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 210, 161) }
```

Border

The CSS property to change the border of an element to XYZ 41.6924, 54.9623, 42.1296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 210, 161) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(148, 210, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(148, 210, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 210, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 210, 161);  
box-shadow:4px 4px 4px 4px rgb(148, 210,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6924, 54.9623, 42.1296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 210, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(148,  
210, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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